

Re: Subpixelshift by Phase correlation

Source: <http://sci.tech-archive.net/Archive/sci.image.processing/2007-05/msg00031.html>

- *From:* "aruzinsky" <aruzinsky@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 12 May 2007 11:56:25 -0400
-

"I am dividing the images into subblocks and estimating the shift individually"

By now, I expect that you have resolved your problem and I would like to know the speed of your method.

I apply shift registration and alignment to blocks by using direct, somewhat brute force, methods and, on a PC, my times are 15 secs for 3.3 mp images, with non-overlapping adjacent 16x16 blocks, 3 pixel search radius, and nominal 0.0625 pixel accuracy.

.